



TPA
Portable Roadways

3M HEAVY DUTY ALUMINIUM PANEL

TPA's heavy duty panel has proved its credentials as a **universal access solution across a multitude of applications** for over 20 years. Designed to meet demanding uses in the most challenging environments we have invested significantly in this product to ensure we have the capacity to service the largest contracts.

KEY BENEFITS



INNOVATIVE

The box section has two sides, a low profile side and a high profile side (giving high mechanical grip).



PROTECTIVE

The HD Panel is primarily used to provide a 3.0 metre wide load bearing temporary access road for all ground conditions. Its load distribution properties allow the heaviest vehicle to travel on the softest ground safely.



CONSTRUCTION

The width and configuration of the HD panel temporary road is variable depending on site conditions / allowable bearing pressure and the total load to be carried.



QUICK

A system of 50 linear metres can be installed by two people in 1 to 2 hours.

For more information
visit www.vp-tpa.com or call 0370 240 2381

Find out more
on the website



3M HEAVY DUTY ALUMINIUM PANEL

DESIGN & FEATURES

- » 3m wide load bearing temporary access roadway
- » Suitable for a diverse weight range

APPLICATION & CAPABILITY

- » Delivered and installed utilising our fleet of specialist vehicles and fully accredited installation teams
- » Suitable for a vast spectrum of ground conditions and access requirements

SUITABLE FOR

- » Temporary Roadway
- » Festivals & Outdoor Events
- » Ground Protection
- » Compounds, Car Parks

PRODUCT SPECIFICATION

Material:	6063 T6 Grade Aluminium
Panel Structural Properties:	<ul style="list-style-type: none">• Limiting stress for bending and overall yielding = 160 n/mm²• Limiting stress for local capacity of the section in tension or compression = 175 n/mm²• Limiting stress in shear = 95 n/mm²• Ixx = 99.922 cm⁴ Iyy = 2632.532 cm⁴• Zxx = 35.29 cm³
Dimensions (W x L):	3000mm x 2450mm (+/- 2mm)
Square Metre:	7.35mtr sq
Box Section Properties:	Width of section = 260mm Depth of section = 52mm
Weight:	270kg per panel
Load Bearing Capacity:	Suitable for most load applications, subject to panel configuration and ground conditions
Temperature Range	-5°C to 50°C (22°F to 120°F)
Colour	Bare Aluminium



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Strength by design ensures suitability for a diverse weight range

OPERATING CONDITIONS

Installation time: 50 linear metres can be installed in 1-2 hours per crew

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